

**Multi-Step Equations**

© 2014 Kuta Software LLC. All rights reserved.

Date\_\_\_\_\_ Period\_\_\_\_

**Monday Solve each equation.**

1)  $12 + 8n = 6 - 6(n - 1)$

2)  $-(1 - x) = -7 - 2x$

**Tuesday Solve each equation.**

3)  $5(8k + 5) = -8(1 - 5k)$

4)  $5(4 + 5a) = 4(6a + 1)$

**Wednesday Solve each equation.**

5)  $-\left(\frac{11}{3}x - \frac{5}{4}\right) = \frac{7055}{588} + 3\frac{6}{7}x$

6)  $\frac{2}{7}x + \frac{5}{3}\left(-\frac{3}{2}x + \frac{1}{5}\right) = -\frac{193}{63} + \frac{1}{3}x$

**Thursday Solve each equation.**

7)  $\frac{7}{8}\left(\frac{2}{3}m + 1\right) = 2\left(\frac{1}{6}m - \frac{3}{2}\right)$

8)  $\frac{3}{4}\left(x + \frac{4}{7}\right) = 2\left(\frac{3}{2}x - \frac{9}{7}\right) - \frac{5}{4}$